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**Invitation to Bid**  
**(Revised 10/10/2019)**

**Old Icehouse Roof Replacement**

- Mandatory pre-bid site visit:  
**1:00 P.M., Wednesday October 9th, 2019**  
Meet at the Harbor Main Office @ 3950 Avila Beach Drive
- Sealed bids are due no later than:  
**1:30 P.M., Wednesday October 16th, 2019**
- Bid opening is public and will take place on Wednesday, October 16, 2019 at 1:30 P.M.
- To submit a bid, complete the "Bid Form"  
Return this entire packet in a sealed envelope plainly marked:  
**"OLD ICEHOUSE ROOFING BID"**

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**Delivery of Bids:**

**(Please note USPS express mail is **not** available to the Harbor Office)**

**Fed Ex or other Express mail service:**

Port San Luis Harbor District  
3950 Avila Beach Drive  
Avila Beach, CA 93424  
Phone: (805)-595-5410

**US Postal Service – (It is advisable to ensure USPS delivery 1 day prior to bid opening)**

Port San Luis Harbor District  
PO Box 249  
Avila Beach, CA 93424

**Questions and Comments Contact:**

Natalie Teeter, Planner/Analyst  
(805) 595-5431 or [nataliet@portsanluis.com](mailto:nataliet@portsanluis.com)

## **Notice Inviting Bids**

Notice is hereby given that the Port San Luis Harbor District (District), acting by and through its Governing Board, will receive prior to **1:30 p.m. on Wednesday, October 16, 2019** sealed bids for the award of a Contract for the following:

### **Project Scope:**

Furnish all labor, materials, transportation, equipment and services necessary to remove ~~and install~~ the built-up roof system portion of the Old Icehouse and **install a PVC roof system**, including all accessories. The contractor shall submit proof showing they are a current approved applicator (Malarkey, Johns Manville, or equal). The contractor shall be, and provide proof, that he is an approved applicator in good standing prior to submitting his bid.

The sloping composite shingle portion will be bid separately and may or may not be included as part of the project. Materials for the composite shingle portion will be purchased by the Harbor District, contractor may bid for the costs to remove and install.

## **Instructions to Bidders**

### **1.01 WARRANTY**

The roofing contractor shall issue the owner a written manufacturer's warranty that covers installation and material defects for a period of **20 years** with a no maximum limit liability.

Roofing contractor shall provide the owner with a 2-year guarantee.

~~Specification for this project is as follows:~~

~~Malarkey Specification; G4-WU-AHX-H or equal.~~

~~System must carry a Class A fire rating as tested to ASTM E-108 with a max. slope of 3" per foot.~~

### **1.02 INSURANCE**

Liability insurance in the amount of \$1,000,000 with the District named as an "Additional Insured" will be required. A copy of certification is required before work begins. Proof of Workers Compensation Insurance is required.

### **1.03 CODES**

All Federal, State and Harbor District building and safety codes are to be adhered to. It is the responsibility of all contractors and their subcontractors to ensure that all current codes are enforced.

#### **1.04 MANUFACTURER'S INSTRUCTION & SAFETY PROCEDURES**

In all cases, Manufacturer's published installation instructions, safety procedures and printed specifications will be followed.

#### **1.05 FINAL INSPECTION**

No section shall be considered complete until a final inspection has taken place with the Districts' representative and the contractor.

#### **1.06 FINAL CLEAN UP**

Before each job is considered complete, the roofing contractor shall:

1. Remove all roof related debris. Dispose of material in a legal manner. Contractor is responsible for disposal fees.
2. Clean all roofs in the work area thoroughly.
3. Remove all bitumen marks and restore all work areas to a pre-job condition or replace non-repairable items.

#### **1.07 INSPECTION-GENERAL ROOF AREA**

Prior to the application of any materials, the contractor shall examine the surface to ensure an acceptable substrate. Problems will be addressed verbally and in writing with the District and Manufacturer's technical representative. An agreement shall be reached with all parties prior to applying materials.

#### **1.08 PROTECTION OF WORK AREA**

Protective coverings shall be installed on all building walls and grounds to protect those surfaces from damages caused by roofing work. No debris or materials is to enter the water.

#### **1.09 DELIVERY AND STORAGE**

Deliver materials in manufacturer's original containers with manufacturer's labels intact and legible. Store all materials upright and covered with protective coverings. All materials will be covered at the end of each working day. Contaminated materials will be immediately removed from site and not returned. The District will provide an equipment staging area for the Contractor.

#### **1.10 JOB CONDITIONS**

Apply all roofing in dry weather and do not apply roofing when temperatures are below freezing or wind speed is at or above 20 mph.

~~Do not back track over finished plies, foot traffic over curing adhesive can cause interply voids, which can cause leakage with some types of materials. Any voids will be repaired by the installation of an additional ply or plies in those areas.~~

### **1.11 WORK HOURS**

All roofing activities are to take place 7:00 A.M. - 4:00 P.M. Monday-Friday. Any deviation from this schedule requires preauthorization from the Planner/Analyst.

### **1.12 KNOWLEDGE OF EXISTING CONDITIONS**

Each contractor shall have examined or researched the existing conditions of the site before bidding and shall be responsible for having acquired full knowledge of the job and of all conditions affecting it. No variations or allowances from the contract sum will be made because of lack of such examination.

### **1.13 PERMITS**

Contractor shall acquire and pay for permits required for roof installation. The District will not require any permits.

### **1.14 LICENSES**

Contractor shall have a valid C-39 Roofing contractors license in good standing at the time of bid opening and work performance.

### **1.15 RATES**

Prevailing wage rates apply for this project. Certified payroll forms must be provided for payment.

### **1.16 TERMS**

Work must commence within forty-five (45) days after the District places the order. Work must terminate fifteen (15) days after commencement unless preauthorized by the Planner/Analyst

### **1.17 PRE-BID CONFERENCE - MANDATORY**

A **mandatory** pre-bid conference will be held to discuss all relevant issues associated with the ITB. The pre-bid conference will take place at the time and date as directed on the 1<sup>st</sup> page of this ITB. We will meet outside the Port San Luis Harbor District Office, 3950 Avila Beach Dr., Avila Beach, CA near the base of the Harford Pier before going on to the work site.

### **1.18 BID DETERMINATION**

Please follow the directions on the first page for bid submission. ~~The lowest bid determination will be based on the Built-Up Roof Replacement line item only.~~

### **1.19 BID SUBMISSION, OPENING, AND WITHDRAWAL**

To submit a bid, complete and return this entire Invitation to Bid packet before the date and time indicated on the first page. No bid received after the time specified in the Invitation to Bid will be considered. All bids will be opened and declared publicly. The bid shall remain valid for forty-five (45) days following bid opening. A bidder may withdraw its bid without prejudice before the bid opening by submitting a written request to the Planner/Analyst for its withdrawal. The District reserves the right to reject any and all bids and waive any informalities. The District also reserves the right to award, not award, or re-bid the project.

### **1.20 SENATE BILL 854 COMPLIANCE**

Effective March 1, 2014, Senate Bill 854 requires contractors to comply with the following:

Contractor agrees, in accordance with Section 1771.1 of the California Labor Code, that contractor or subcontractor shall not be qualified to bid on, be listed in a bid proposal, subject to the requirements of Section 4104 of the Public Contract Code, or engage in the performance of any contract for public work, as defined in this chapter, unless currently registered and qualified to perform public work pursuant to Section 1725.5. It is not a violation of this section for an unregistered contractor to submit a bid that is authorized by Section 7029.1 of the Business and Professions Code or by Section 10164 or 20103.5 of the Public Contract Code, provided the contractor is registered to perform public work pursuant to Section 1725.5 at the time the contract is awarded.

No contractor or subcontractor may be awarded a contract for public work on a public works project (awarded on or after April 1, 2015) unless registered with the Department of Industrial Relations pursuant to California Labor Code section 1725.5. Contractor agrees, in accordance with Section 1771.4 of the California Labor Code, this Project is subject to compliance monitoring and enforcement by the Department of Industrial Relations. This project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

## Roofing Materials Section

### 2.01 ROOF SYSTEM MATERIAL

Roof system components:

- 2" polyisocyanurate rigid insulation and ¼" primed glass mat roof board (Class A fire rating);
- 80 mil PVC single-ply roofing;
- 2" treated nailer at perimeter edge of roof;
- PVC edge flashing at perimeter of roof and on top of field sheet;
- PVC edge stripping; and
- All appropriate flashings, fasteners, and sealants.
- Optional: stainless steel clad flashing may be used instead of rubber clad flashing

- One layer of 28-Lb. fiberglass base sheet
- Three layers of fiberglass ply IV
- 400 lbs. per square of gravel (to match color of existing roof as closely as possible)

~~Systems that meet the above criteria and are approved for this project:~~

~~Malarkey Roofing Co. #G3 AHX H or equal~~

~~Materials per 100 sq.ft. of roofing shall be:~~

~~Field of roof~~

~~Glass base sheet — 1 layer attached with Simplex nails~~

~~Type IV ply sheet — 3 layers Fully Adhered, hot asphalt~~

~~Hot asphalt coverage shall be 25 lbs. per sq. per layer on all roofs.~~

~~Flood coat for gravel shall be 60 lbs.~~

~~Accessories as required by the Manufacturer's literature and specifications.~~

~~Roofing contractor shall provide the District with a 2-year guarantee.~~

### 2.02 CANT STRIPS

~~Where needed, cant strips shall be perlite, fiberboard or as approved by Manufacturer.~~

### 2.03 HOT ASPHALT

~~ASTM D 312, Type III~~

## **2.04 ASPHALT PRIMER**

~~Primer shall comply with ASTM D-41 and Fed. Spec. SS-A-701B.~~

## **2.05 GLASS REINFORCING FABRIC**

~~Shall be varying widths as needed and will meet ASTM D-1668-73 Type 1.~~

## **2.06 PLASTIC ROOF CEMENT**

~~Roof cement shall comply with ASTM D-4586-86, Type 1 and Fed. Spec. SS-C-153C, Type 1.~~

## **2.07 FASTENERS FOR METAL ITEMS**

~~All nails, screws and clips used in connection with the sheet metal work shall be proper for the application and compatible with the metals it contacts.~~

## **2.08 GRAVEL STOP AND ACCESSORY METAL**

~~All needed sheet metal work shall be included. Unless otherwise noted all galvanized sheet metal will be a minimum 24 gauge. Roof jacks can be 26 gauge.~~

## **2.09 SHEET METAL PAINTING**

~~If painting is necessary, contact the District.~~

## **2.10 SHEET METAL CLEANING**

~~Before project is considered complete, the contractor shall clean all surfaces of fugitive asphalt and sealants. This should include roof top and ground level areas.~~

## **Roofing Application Section**

### **3.01 SCOPE**

The scope of the work is to remove the existing roof system and apply a built-up PVC roof system. ~~An optional bid for removal and installation of the composite shingle portion of the roof may be included, but is not required or part of the bid determination.~~

- Mechanically fasten 2" polyisocyanurate rigid insulation and ¼" primed glass mat roof board (Class A fire rating);
- Fully adhere 80 mil PVC single-ply roofing; heat and weld all seams and laps;

- Install 2" treated nailer at perimeter edge of roof; install PVC clad edge flashing at perimeter of roof on top of field sheet; install PVC edge stripping and heat weld both sides; and
- Furnish and install all flashings, fasteners, and sealants as required per Manufacturer's specifications.

### **3.02 PROTECTION OF INSTALLED ROOFING**

Temporary water cut offs must be installed at the end of each day. The roof will be in a water tight condition when active work is not being performed. Any damages to the installed roofing shall be repaired or replaced.

### **3.03 ROOF DECKING PREPARATION**

After roof removal, clean decking of all roof related debris.

### **3.04 VENT INSTALLATION AND SKYLIGHT**

Retain existing roof openings, vent and skylight locations.

### **3.05 BASE SHEET APPLICATION**

~~The base sheet shall be installed with Simplex nails. Nail the sheet 8" o.c. down the lap and with two rows down the center of the sheet at 8" o.c.~~

### **3.06 PLY SHEET APPLICATION**

~~All plies will be set in Type IV hot asphalt @ 25 lbs. per square. Total plies will be 3. Avoid foot traffic over any newly laid sheets. Install all inter plies so that the flow of water is over or parallel to, but never against the laps in a uniform mopping of asphalt.~~

### **3.07 GRAVEL STOP**

~~New gravel stop will be installed at all perimeter terminations. Metal shall be 24 ga. and have a 4" fascia with a 4" flange. Prime the metal prior to installation.~~

### **3.08 GRAVEL SURFACE**

~~Apply a uniform flood coat of hot asphalt at 60 lbs. per square. Install 400 lbs. per square of gravel into the fresh asphalt. Gravel color is to match color of existing roof as closely as possible.~~

### **3.05 DISCREPANCIES AND ADDITIONAL COSTS**

All discrepancies and items of additional costs should be brought to the owner's attention, in writing for approval prior to work in those areas.



### **3.10 INSULATION APPLICATION**

Existing insulation will be removed and replaced with 2" rigid insulation and ½" rigid insulation cap sheathing

### **3.6 DECK SURFACE REPAIR**

Install and repair deck surface on a Time and Materials basis.

### **3.7 NON-SLIP WALKWAY INSTALLATION**

Install non-slip walkway on a Time and Materials basis. Final configuration to be determined after bid award

### **3.8 METAL SUPPORT BEAM/POLE OF ANTENNA**

Beam/pole will be removed prior to roof replacement. Contractor is to coordinate with Harbor District to finish roofing after the Beam/pole is reinstalled.

**Bid Form – Old Icehouse Roof Replacement ITB**

The undersigned contractor has carefully checked all figures in this proposal against the above requirements and specifications. All taxes and any fees shall be included in total cost. The undersigned agrees to accept as full payment the following sum:

~~Built-up Roof Replacement~~

**PVC Roof Installation**

\$

\_\_\_\_\_

~~Composite Shingle Installation~~

~~(Optional – Labor Only)~~

\$

\_\_\_\_\_

**Projected Start Date**

\_\_\_\_\_

**Company Name**

\_\_\_\_\_

**Contractor's Name**

\_\_\_\_\_

**Contractor's Signature**

\_\_\_\_\_

**Contractor's License #**

\_\_\_\_\_

**Address**

\_\_\_\_\_

**Phone Number**

\_\_\_\_\_

**Email**

\_\_\_\_\_

**Date Submitted**

\_\_\_\_\_